

Digitized by:



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

www.apti.org

from the collection of:
Canadian
Centre for
Architecture

BLANK PAGE

ee

99

READY MADE BUILDINGS





77-1-22
26-9-28

"READY MADE" *BUILDINGS*

(PATENTS APPLIED FOR)

THE Wooden age is passing. We are bringing in the age of Steel Fireproofing. For many years the larger structures have been constructed of steel, and now we are making the smaller ordinary buildings of this fireproof material.

If you want a driving barn, carriage house, implement shed or storage building of any kind, we can supply it all ready to erect. Any handy man can put it up in a very short time. We furnish everything ready to put in place without any cutting or fitting.

When the building is up your troubles cease. You will have a structure which is lightning-proof, fireproof—one that will last a lifetime and cost nothing for up-keep.

Originated by

The Metal Shingle & Siding Co.
Limited

Montreal - Toronto - Preston - Saskatoon - Calgary
Edmonton - Regina

HEAD OFFICE - PRESTON, ONT.

Associated with

The A. B. Ormsby Company, Limited
Toronto Winnipeg

"Ready Made" Buildings

(Patents applied for)

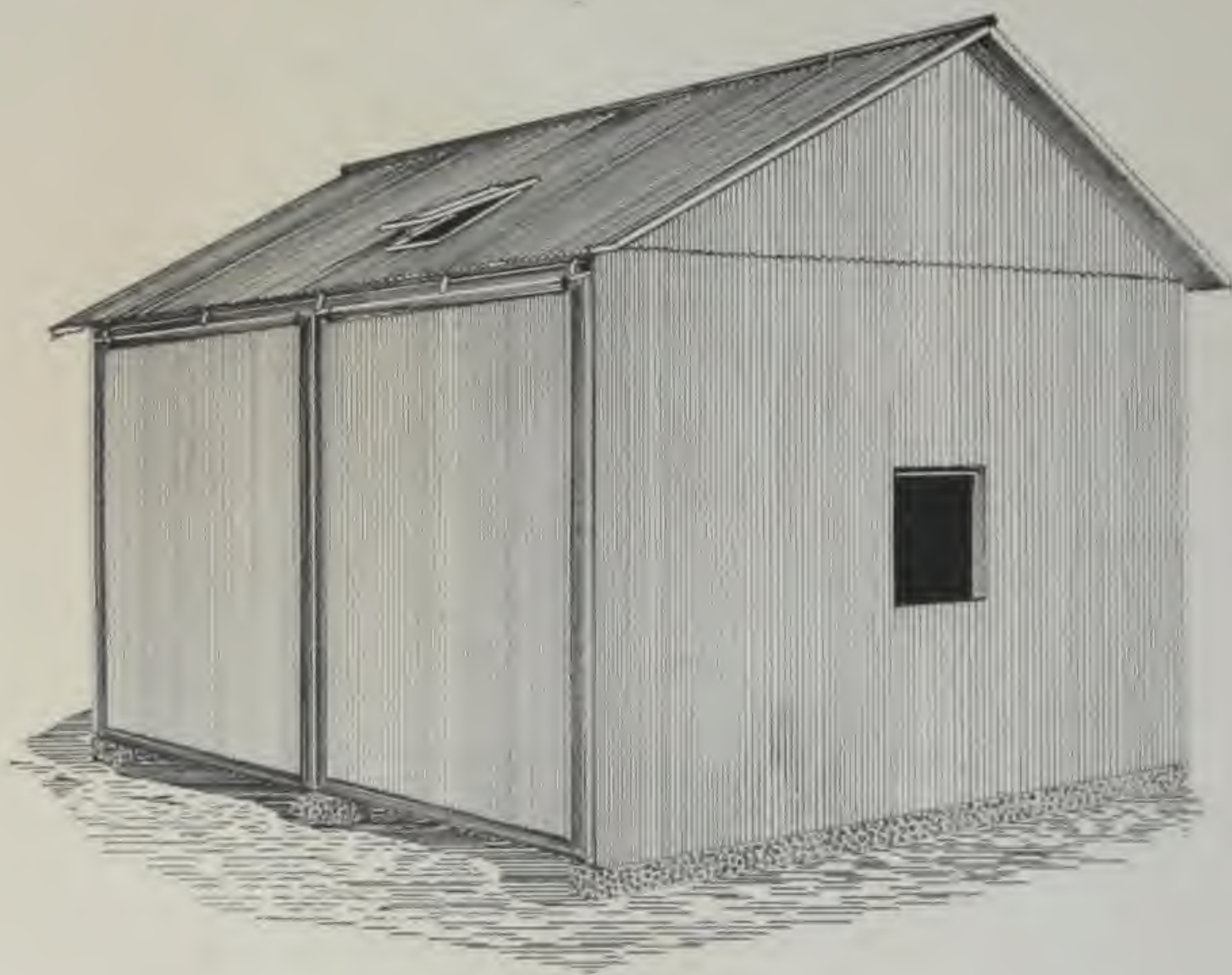


Fig. 1

An example of one of our smaller "Ready Mades." Note the fine appearance. The corrugated iron, being cut and fitted especially for this building, gives no chances for mistakes or botchy jobs in erection. The entire front can be opened, as the doors slide past each other. Plenty of light is furnished by the Acorn roof and side windows. This class of building is lightning proof, fire proof, rust proof and practically wear-out proof.

"Ready Made" Buildings

ALMOST every farmer could use more out-buildings if he had them. And he would have them if it were not for the fact that they have been too expensive. Lumber has been hard to get out and too much time was needed from the regular farm work to erect them.

Each year the farmers of Canada pay a heavy toll for the damages done by the weather to their machinery and implements. There has been no room in the barn

Quality booms our Business

"Ready Made" Buildings

(Patents applied for)

or other buildings and they have been left out in all the rain and snow. Then when harvest time came around there would have to be many repairs, causing expensive delays.

Every implement or vehicle would last longer if it were well protected. We would not think of putting our piano or our kitchen stove outside in the rain—and we have no right to leave our implements outside.

An Inexpensive Protection

If your buildings are now overcrowded—or if you haven't any shelter for the implements which you have out in the barn yard or in the field, we have just what you need and want in our "Ready Mades" described in the following pages. Buildings have been designed by our architects and engineers to fit every purpose and we have made these up in standard sizes which we can ship out to you the day your order comes in.

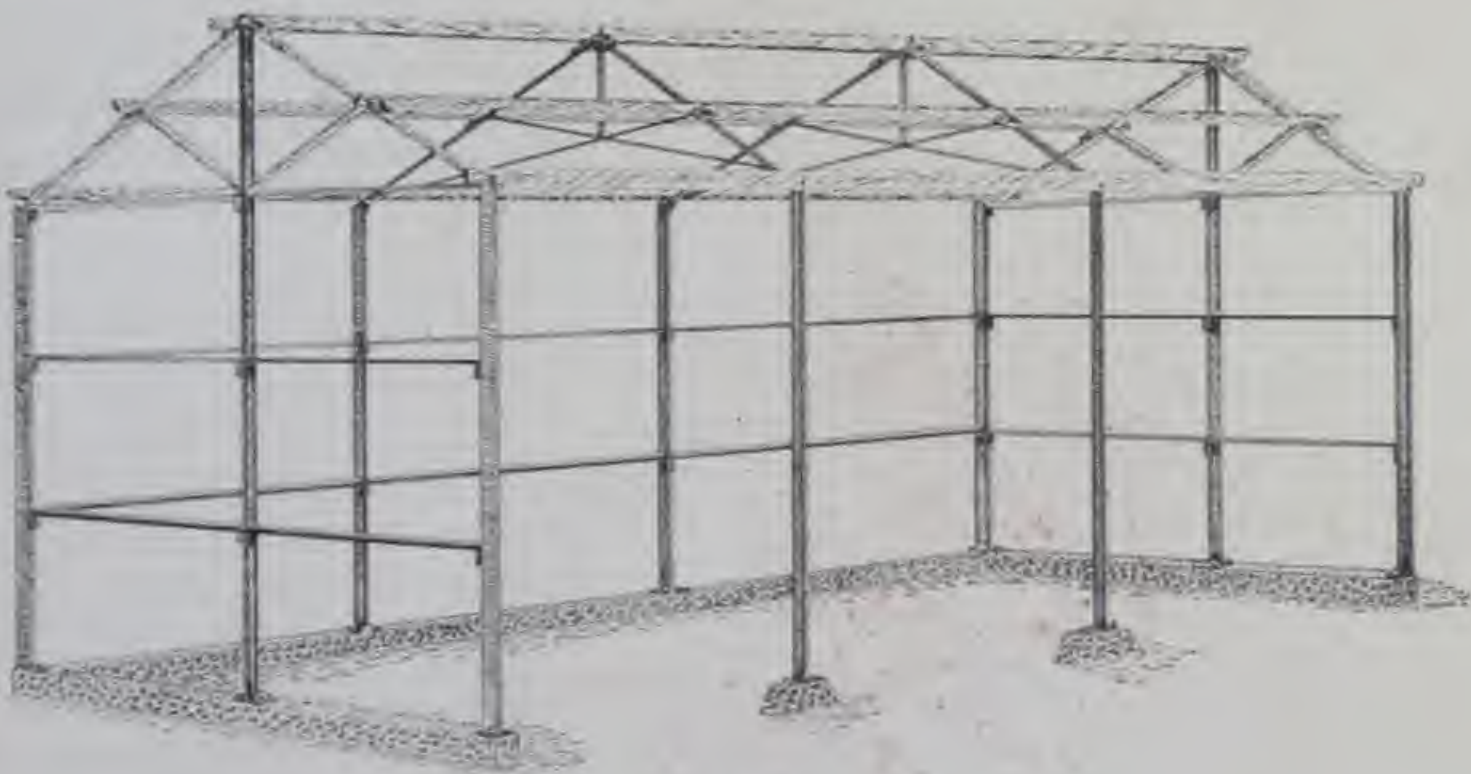


Fig. 2

Strong steel frame work of "Ready Mades" will last forever and always keep the building true and straight, never allowing it to sag at the roof or cave in at the sides and ends. It will make the building stand up under any kind of a roof load and will resist all wind pressure. All joints are strongly rivetted and bolted and will not come apart.

Quality booms our Business

"Ready Made" Buildings

(Patents applied for)



Fig. 3

Ground plan of a 12' x 16' "Ready Made." The shaded parts are wood blocks set in the concrete foundation ready to take the base plates of the iron channel posts. A detail of these blocks may be found on Page 9, Fig. 9.

We have solved the problem of getting the materials together, cutting them to fit and getting everything ready for erection right in our factories. There is no planning for you to do, no worrying about getting your timber cut and no worry over expensive labor.

All the pieces are cut and marked before they are sent out to you. Full instructions accompany every building—simple instructions, which a child can read and follow—so you and your carpenter or the hired man can put the building up in a day or so.

When you are ready for your building all you have to do is to tell us what you want it for and the size you think you ought to have. We will send it to you

Quality booms our Business

"Ready Made" Buildings

(Patents applied for)

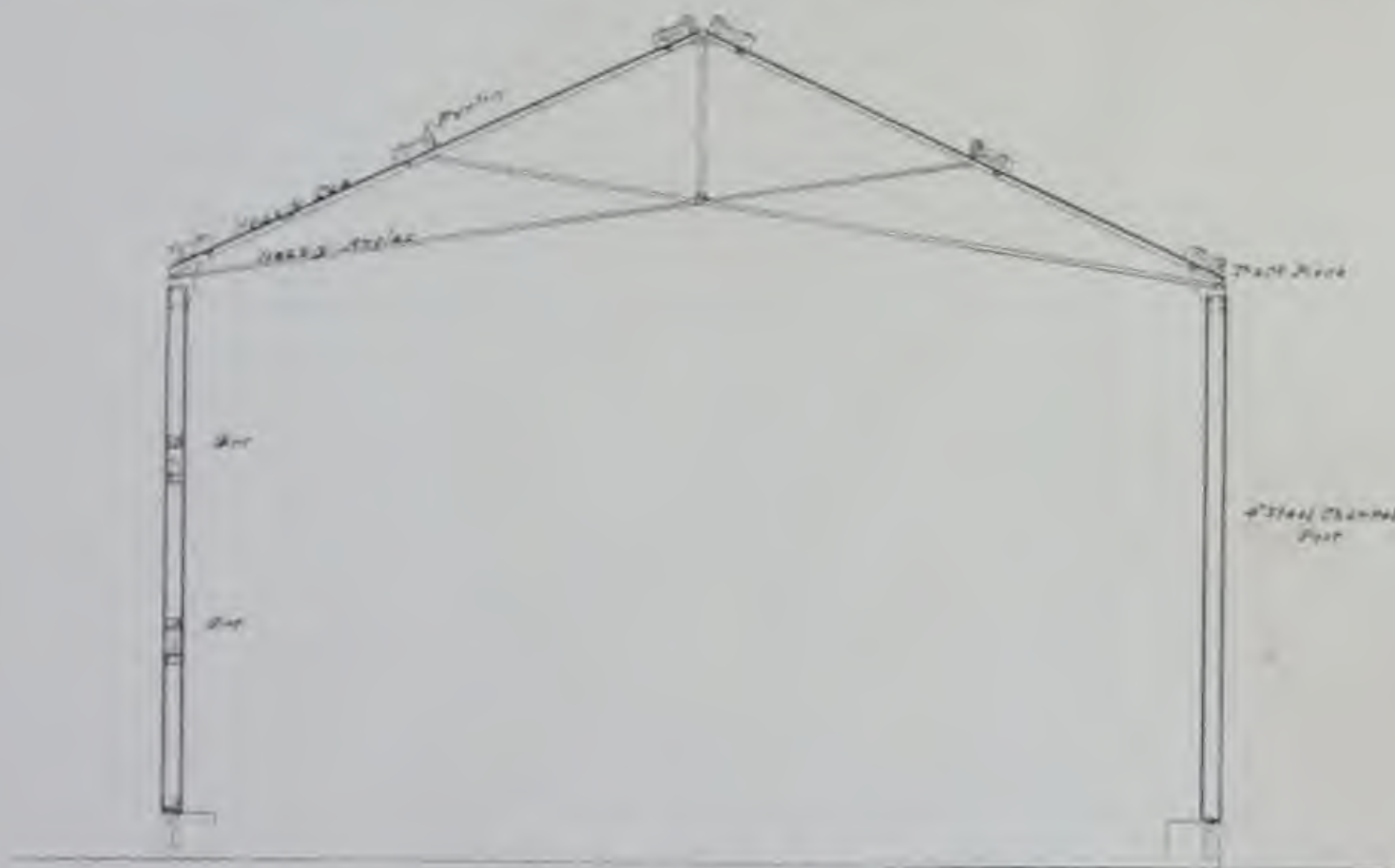
the same day your order comes in—all ready for you to put together.

Besides getting a building which you can erect in a few days without any bother or trouble you get one which is lightning proof, fireproof, weather proof and wear-out proof. After it is once erected there is no more expense for paints or repairs. The first cost is the last cost.

SPECIFICATIONS

The Frame

All posts at sides, ends and corners are of heavy 4" channel steel. These are bolted to the steel roof trusses and are fastened with heavy steel plates. At the foot of these channel posts there is a plate with holes arranged so that wood screws can be used to secure them to the



CROSS SECTION OF TRUSS.

Fig. 4

Showing an end view of the steel truss. Note how the building is braced from every angle. With this type of bracing the building is in no danger of being wrecked by heavy storms.

Quality booms our Business

"Ready Made" Buildings

(Patents applied for)

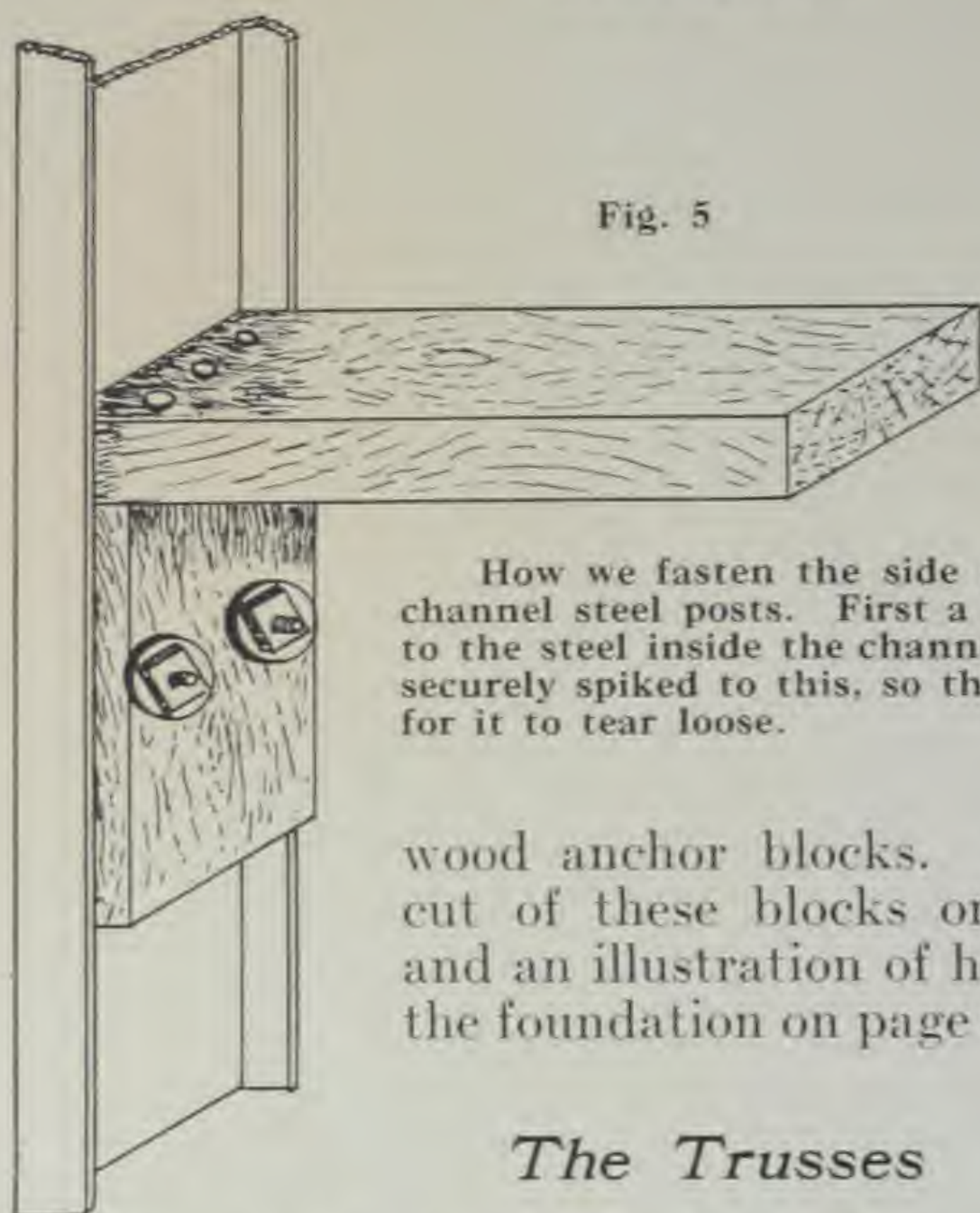


Fig. 5

How we fasten the side and end girts to the channel steel posts. First a heavy block is bolted to the steel inside the channel and then the girt is securely spiked to this, so that there is no chance for it to tear loose.

wood anchor blocks. You will find a cut of these blocks on page 9, Fig. 9, and an illustration of how they are set in the foundation on page 4, Fig. 3.

The Trusses

The roof trusses are built of structural steel members, sufficiently heavy to carry a much greater load than they will be required to support under any condition. These are rivetted at the joints and are connected with strong steel plates. They have been worked out by our architects to take up very little space in the buildings and at the same time give the greatest possible strength.

Figure 6 illustrates the means used to attach the roof purlins to the steel rafters of the truss. The blocks are shipped separate from the steel, but have all bolts set ready to slip through the holes in the steel members.

All girts and purlins are of the very best quality Spruce or Hemlock and are cut to proper length and bored ready for the bolts where required.

Quality booms our Business

"Ready Made" Buildings

(Patents applied for)

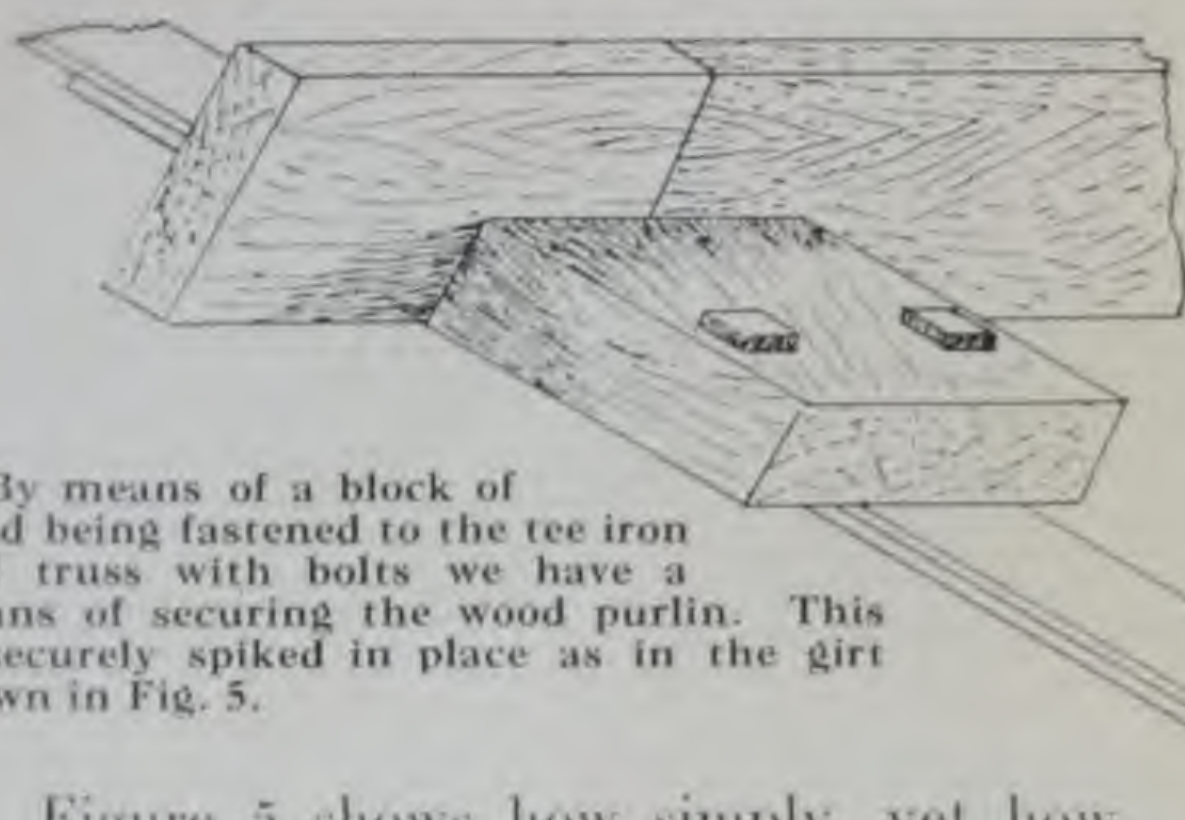


Fig. 6

By means of a block of wood being fastened to the tee iron roof truss with bolts we have a means of securing the wood purlin. This is securely spiked in place as in the girt shown in Fig. 5.

Figure 5 shows how simply, yet how securely, we fasten the side and end girts or nailing strips to the channel steel posts. The wood block shown bolted to the post, is put in place at our factory before the frame is painted.

The Covering

The building is covered with our celebrated ACORN QUALITY Corrugated Iron. We stand back of it to see that every sheet gives perfect satisfaction. It is an iron which has stood the greatest of all tests—the Test of Time. We have been supplying this Acorn Quality Iron to the farmers of Canada for the past eighteen years. It is the standard and is being specified by contractors and builders for many of the largest corrugated iron contracts in America.

On the sides and ends of our "Ready Mades" we use 28 gauge Acorn Quality iron and in the roof we use the 26 gauge. All sheets are furnished long enough to lap 3" at the ends and 1½ corrugations at the sides, while the gable end sheets are cut to proper shape and length. This saves the builder all the bother of cutting and fitting.

Under the eaves we have a combined flashing and finish for the top ends of the sidewall sheets. See our

Quality booms our Business

"Ready Made" Buildings

(Patents applied for)

"Acorn" Roof Window

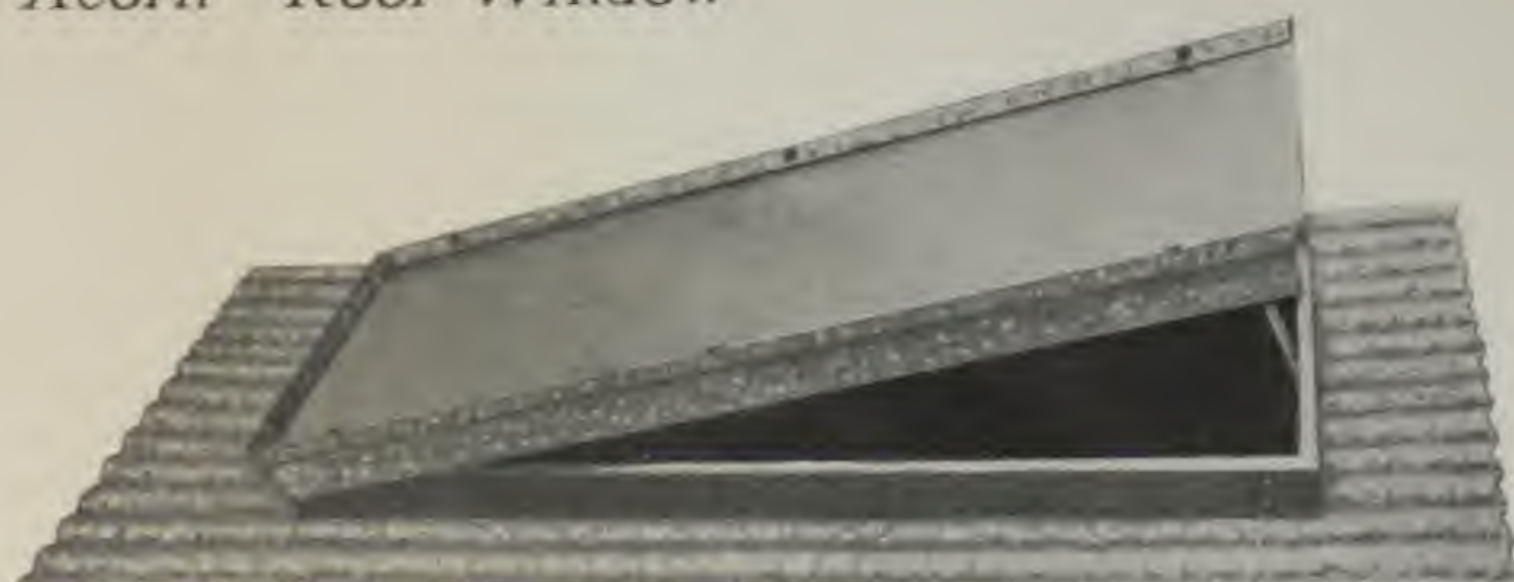


Fig. 7

This is an Acorn Lift Roof Window, which serves as a ventilator as well as for light. It is made right onto a corrugated sheet and can be placed as desired. There is no cutting or fitting to do and it can be set in the roof by any builder or handy man. It may be opened or closed as desired by means of a rope from the floor. The sash is fitted with wired glass, which makes it absolutely fire proof. Glass size 20" x 30".

The end windows shown in Fig. 1 is supplied for both ends of the building. It, also, is made of all metal and is fitted into a sheet. The sliding sash is fitted with wired glass, 20" wide and 24" long.

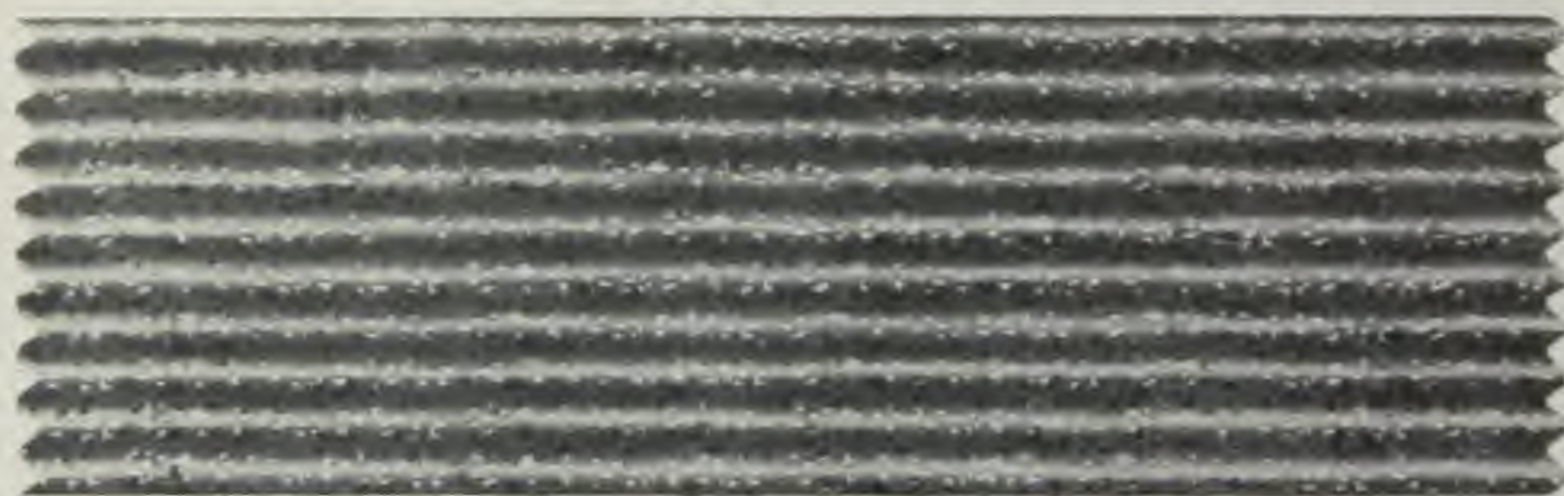


Fig. 8

Acorn Quality Corrugated Iron. This is a sheet of the iron which we supply for all our buildings. It is the best that money can buy and costs you no more than inferior grades. The galvanizing is perfect. The sheets are formed into shape over steel dies in huge presses. Each sheet being formed over the same die makes them all fit exactly when erected.

All our corrugated iron is carefully inspected before it leaves our factory to see that there are no imperfections. The sheets are cut to proper shape and length, so that there is no trimming or fitting for you to do when the building arrives.

Quality booms our Business

"Ready Made" Buildings

(Patents applied for)

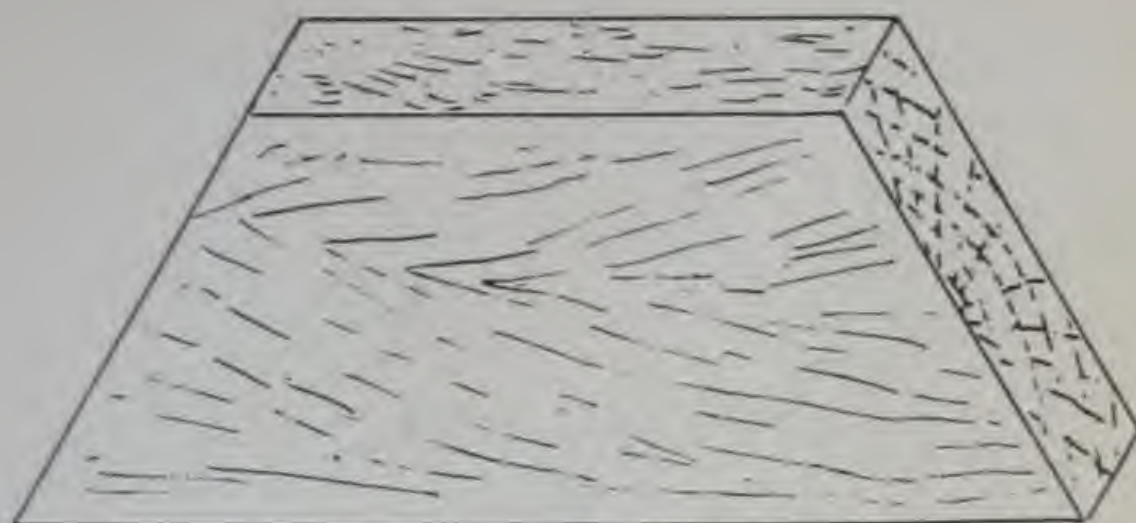


Fig. 9

This illustrates one of our wooden Anchor blocks to which the base plates are secured by heavy wood screws. See Fig. 3, page 4.

For fastening the sheets to the wood nailing strips, we supply barbed galvanized nails which are made especially for us. We also supply lead washers for the roof nails. These are threaded onto the nails and when driven down with the nail the lead acts as a solder and prevents any water from entering through the nail hole.

The Doors

The doors are made of a strong wood frame and are covered with Acorn Quality corrugated iron to match the sides and ends of the building. The top, bottom and sides of the

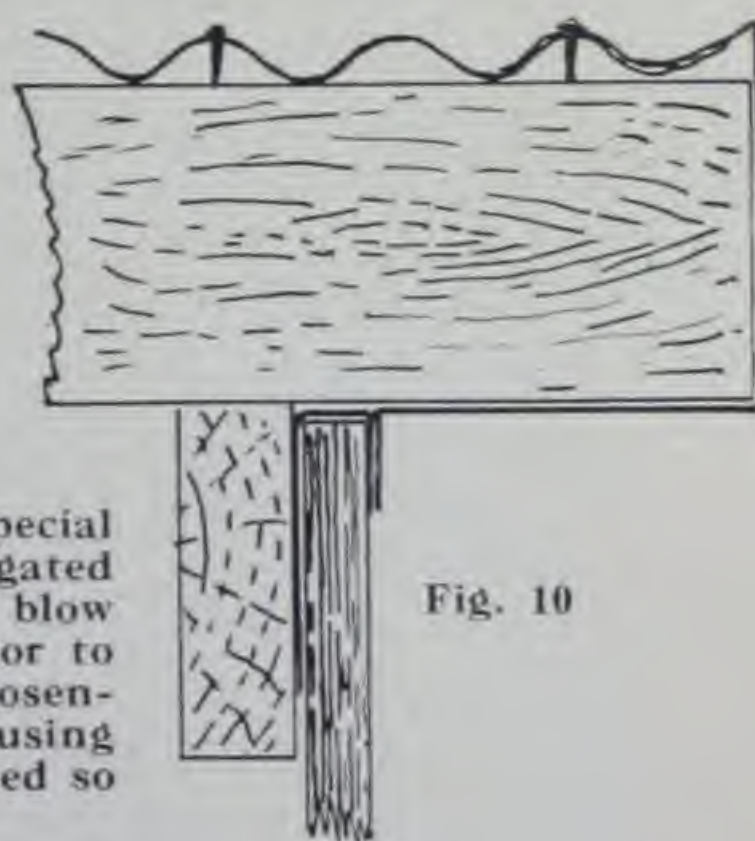


Fig. 10

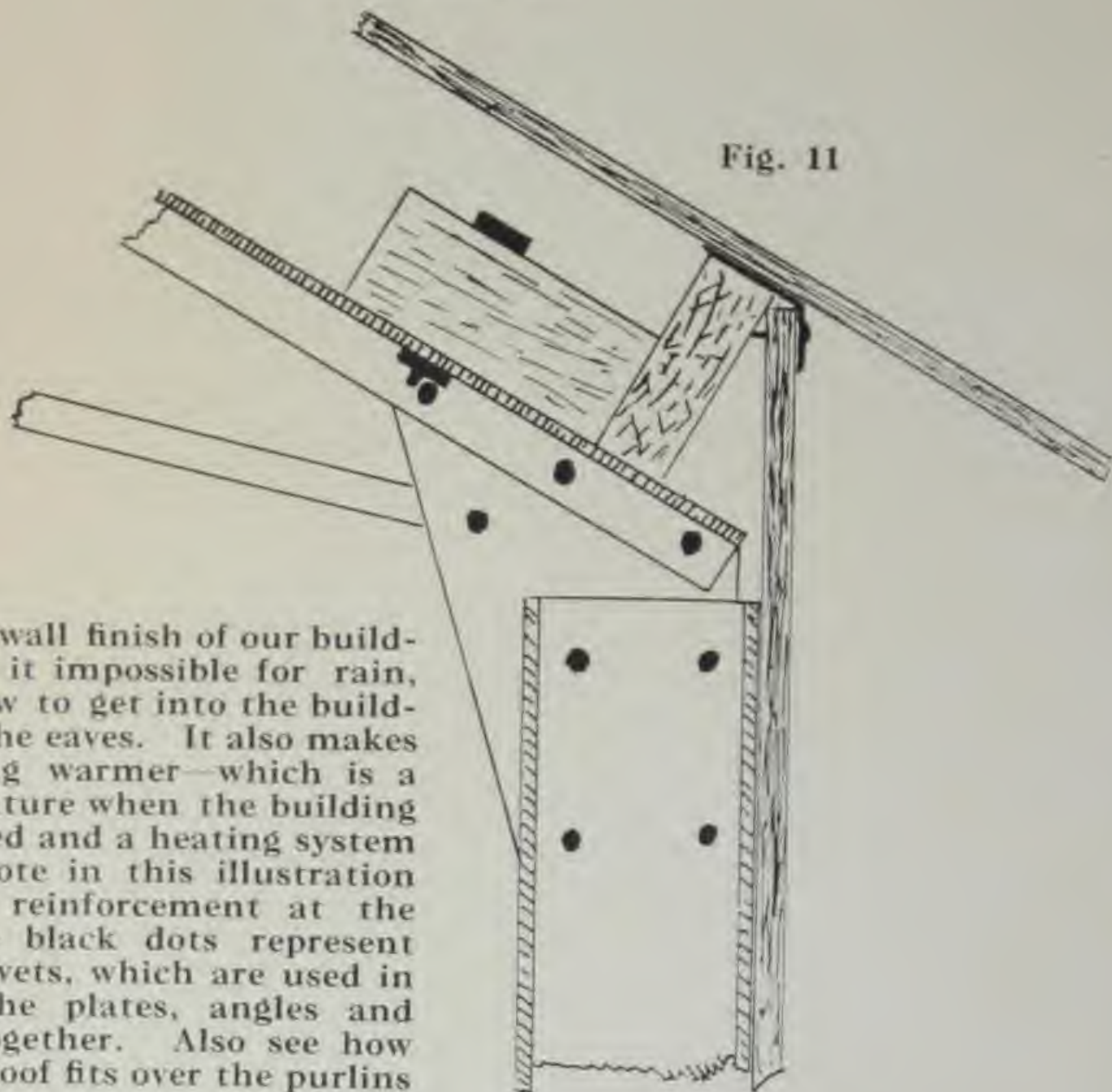
The end finish. Notice how this special cornice covers the sides of the corrugated sheets so that no snow or rain can blow in. It also forms a strong anchor to prevent any heavy windstorm from loosening the sheet in any way. By using this cornice the entire end is closed so that no dirt or weather can get in.

Quality booms our Business

"Ready Made" Buildings

(Patents applied for)

Fig. 11



The sidewall finish of our buildings makes it impossible for rain, sleet or snow to get into the building under the eaves. It also makes the building warmer—which is a valuable feature when the building is to be lined and a heating system put in. Note in this illustration the strong reinforcement at the joint. The black dots represent bolts and rivets, which are used in fastening the plates, angles and channels together. Also see how tightly the roof fits over the purlins at the eave.

doors are neatly trimmed with a special galvanized flashing.

The doors are hung on double bird proof track and are continuous rolling, fitted so that any door may be opened without disturbing the other. This will be found convenient in stormy weather as any implement or vehicle may be taken from the building without opening the entire set of doors.

Note in Fig. 12 the galvanized iron watershed over the track and doors. No rain, snow, or sleet can penetrate the building and the track is always kept dry and free from rust or dirt.

We send all doors ready to install—the covering, trimmings and all hardware being set in place before the building leaves our factory.

Quality booms our Business

"Ready Made" Buildings

(Patents applied for)

The hardware and fittings are of the very best and are guaranteed to give splendid satisfaction. The track is strong and well made, so that it will never sag or get out of shape in ordinary use. For this reason the doors will always be free running on the rollers.

Buildings Easily Heated

These buildings can be easily heated by putting in an interior lining of lath and plaster or of matched lumber. The wood nailing strips which we use in the building will be found very convenient for attaching this lining. On account of the building being practically fire proof and lightning proof it will take a very low rate of insurance.

Foundation

In making a foundation of concrete we would suggest that it be made from 8" to 12" thick, about a foot above the ground and from 6" to 24" below the surface. The concrete should be mixed one part Portland Cement to three parts sand and five parts gravel.

Illustrates an end view of our continuous rolling doors. Take particular notice of the heavy, well made track and the large wheels perfectly set in place. This track is well balanced and, when securely fastened to the building, cannot sag or get out of shape. It is bird proof and weather proof.

Over the doors, to prevent any rain or snow being driven in, we have arranged a galvanized watershed which gives every protection needed.

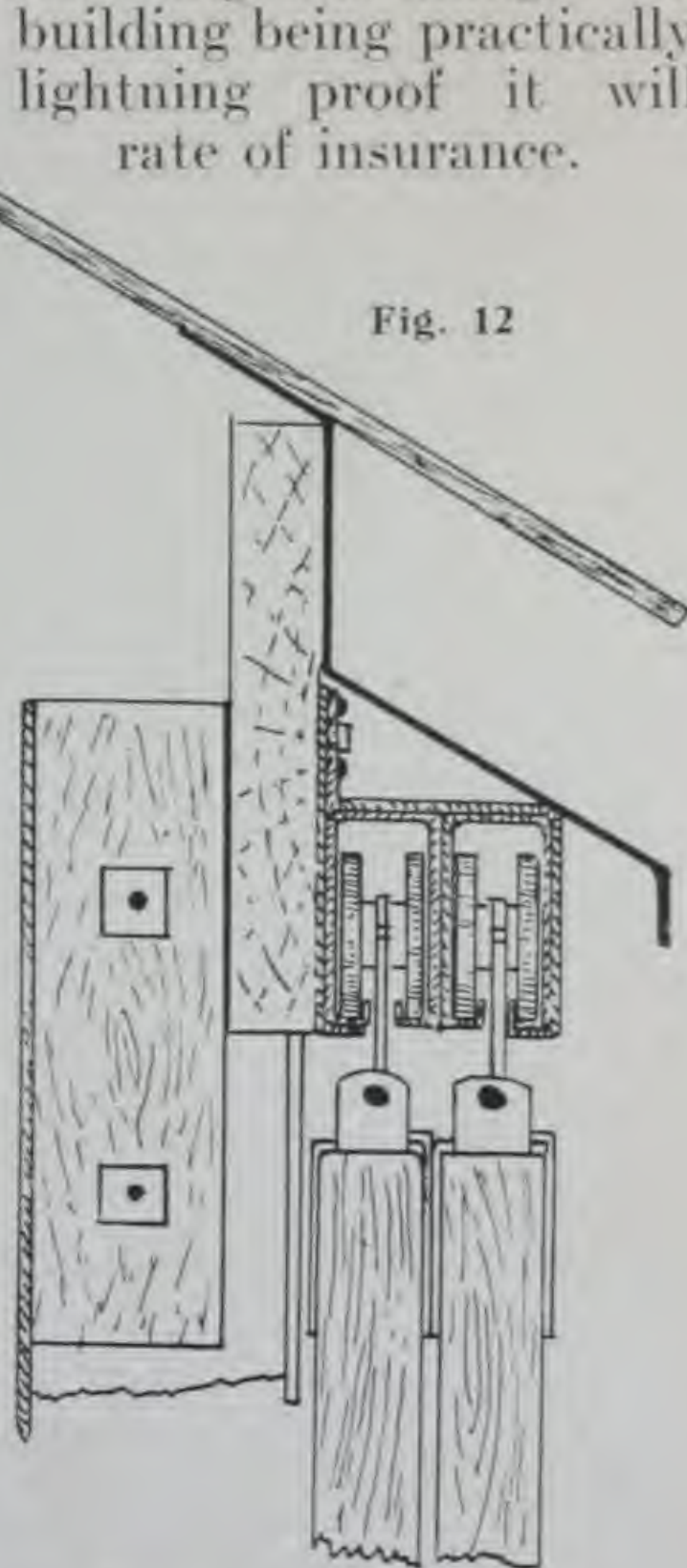


Fig. 12

Quality booms our Business

Ready Made Buildings

(Patents applied for)

Floors

Where floors are desired, we would suggest they be made of concrete mixed one part of cement to three parts of sand and five parts of gravel and laid to a thickness of 4 inches. Where only light implements are to be stored, a thickness of 3 inches will be quite sufficient.



Preston Portable All Steel Garages

For this style of building we issue a special booklet giving full information and illustrations. We shall be pleased to send you a copy if you are interested.

We are equipped to supply any sized building desired and can make up specials to fit your every need. Just let us know what you want and we will give you full particulars and quotations.

Quality booms our Business

Page Twelve

THE EDWARD DREIER SERVICE
TORONTO





**ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY
INTERNATIONAL**

**BUILDING
TECHNOLOGY
HERITAGE
LIBRARY**

www.apti.org

**From the collection
Canadian
Centre for
Architecture**

BACK COVER